



21700 battery cell main parameters





Overview

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of 3.7V and a capacity of up to 5,000mAh, making it a powerful and efficient energy source.

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parameters of the Li Ion cell model 21700 5000mah supplied and handling may cause 3.43V ~ 3.63V Charging voltage range Capacity 5000mAh and 8g (amplitude 1.6mm) be careful should be avoided unless stated by AMS. The IR and voltages of the cells should be thoroughly checked before.

The 21700 battery gets its name from its physical dimensions: 21 millimeters in diameter and 70 millimeters in length. This size represents a precise upgrade from the once-widely used 18650 battery (18mm x 65mm). As a high-performance cylindrical lithium-ion battery, its core design philosophy is.

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of 3.7V and a capacity of up to 5,000mAh, making it a powerful and efficient energy source. Its energy density ranges between 250 Wh/kg and 300 Wh/kg, depending on the.

The 21700 battery is a larger type of lithium-ion rechargeable battery that has gained considerable popularity for its high capacity and improved performance compared to smaller alternatives, such as the 18650 battery. Compared to 18650 cells, the 21700 battery (21mm in diameter, 70mm in length).

The 21700 battery has quickly become the preferred choice for high-performance energy storage, offering an impressive combination of power, efficiency, and longevity. Originally developed to surpass the 18650 cell, this next-generation lithium-ion battery delivers greater capacity and higher energy.

Nominal Voltage □ 3.7V Wat-Hour Rating □ 17.76Wh Max. Operating Voltage Range □ 2.75V to 4.20V Max. Charge Voltage □ 4.2V ±50mV Max. Charge Current □ 2400mA Max. Continuous Discharge Current □ 4800mA Standard Discharge



Current \approx 2400mA Discharge Cut Off \approx 2.75V Internal Impedance \approx <200m Ω
Expected.



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[What is the time difference between Nevada and California?](#)

The time difference between California, USA and Macedonia is usually 9 hours, with California being ahead of Macedonia. However, this may vary depending on daylight ...

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What is the time difference between Colorado and California?

Los Angeles California is located in the Pacific Daylight Time Zone. This means that Denver Colorado is one hour ahead of Los Angeles California.

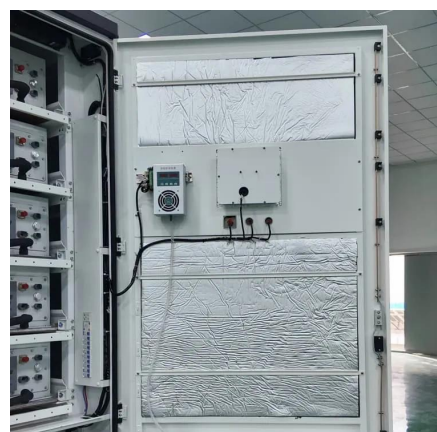
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[Where is it 3 hours later than central standard time?](#)

Since California is on the west coast, there are many different places where the time is three hours earlier. All of the states that are in the Eastern time zone are three hours ...

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[Understanding the 21700 Battery and Its](#)

...

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of ...

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[Everything You Need to Know About Lithium-Ion 21700 Battery](#)

Explore the advantages and key specifications of 21700 batteries, and understand their impact on electric cars, power tools, and energy storage solutions.

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[21700 Battery Cell 3.7V 4800mAh Datasheet](#)

Range 1 year at -20 to +30°C >70% Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery. This battery meets the requirements of Battery Directives, and the ...

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21700 Battery Guide - High-Performance Lithium-Ion Cells for ...

What Is a 21700 Battery? A 21700 battery is a rechargeable lithium-ion cell measuring 21mm in diameter and 70mm in length, hence the name "21700." It was created to enhance the energy ...

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How much time difference is there



between California and Florida?

California is on Pacific Standard Time (GMT -8) and Florida is on Eastern Standard Time (GMT - 5), so there is a three hour difference between the two locations.

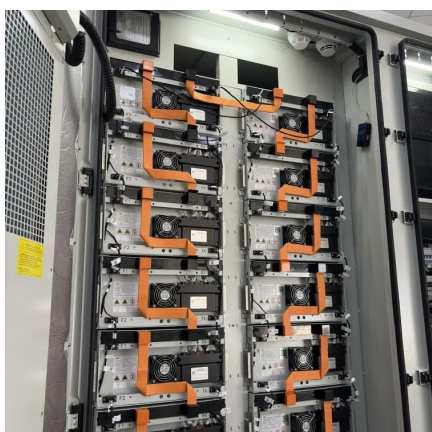
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[Understanding the 21700 Battery and Its Specifications](#)

The 21700 battery is a cylindrical lithium-ion battery with a diameter of 21mm and a length of 70mm. It offers a nominal voltage of 3.7V and a capacity of up to 5,000mAh, ...

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NCR21700datasheet

0°C (2) At 25°C (3)Energy density is calculated using bare cell dimensio. 5mm Max. 10.5mm When designing a pack, refer to the cell's mechanical drawing for p. ecise dimensions. ...

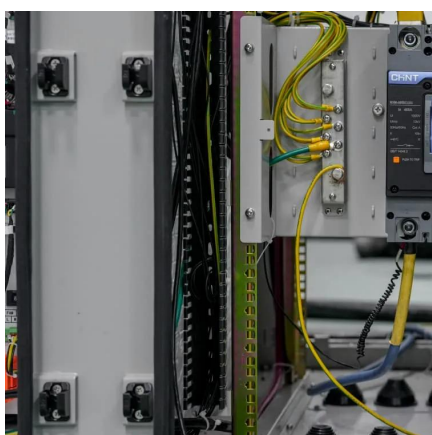
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[California's time zone in the winter: Abbr.](#)

Frequently Asked Questions What is the answer to California's time zone in the winter: Abbr. When was California's time zone in the winter: Abbr. last seen? How many letters ...

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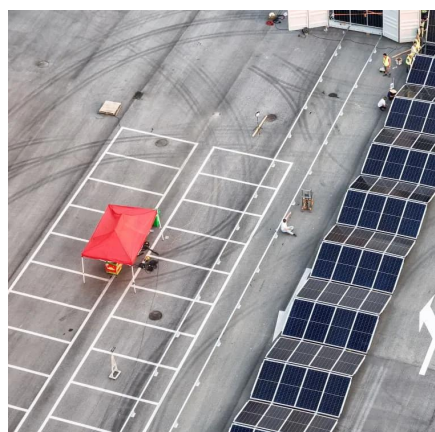
[What time zone is 3 hours behind](#)



[California?](#)

California is in the Pacific Time Zone, which is two hours behind Central Time. There is a 3 hour difference between Georgia and California. California is 3 hours behind ...

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[TerraE_Cell Certifications_INR_21700_40P_EN dd](#)

Discharge capacity is measured with constant current 20A and 2.5V cut-of cell is charged with 4.2V as follows. Note: Percentage as an index of the capacity at 25°C (=3900mAh) is 100%. ...

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[What time zone is 3 hours ahead California?](#)

When California is on Standard Time from November to March, it is 3 hours behind Eastern Standard Time, in Canada, the United States, the Bahamas, Haiti, Jamaica, ...

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[Product Specifications Document No: 50/352](#)

The design of battery pack and its structure should be reviewed physically, mechanically and electrically not to cause cell imbalance or other dangerous effects.

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[21700 Batteries , High-Performance](#)

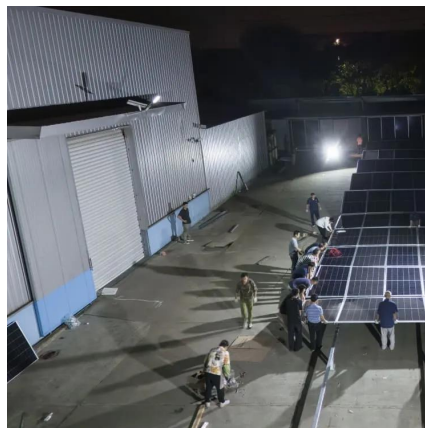
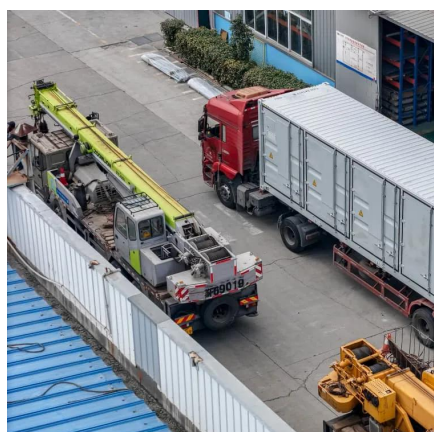


[Lithium-Ion Cells](#)

Lithium Nickel Manganese Cobalt Oxide (NMC - LiNiMnCoO_2): A balanced combination of energy density, power, and safety. Lithium Cobalt Oxide

...

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[What is the time difference between Texas and California?](#)

Most of Texas is in Central time. Except for the far west near El Paso, which is Mountain time. California is in Pacific Time (2 hours behind Central). When it's 10 AM Central Time, it's 8 AM

...

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[21700 Battery Features, Types, Dimensions, & Uses](#)

In this post, we will cover detailed features and types of 21700 batteries. So let's get started with Introduction to 21700 Battery.

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[21700 Batteries , High-Performance Lithium-Ion Cells](#)

Lithium Nickel Manganese Cobalt Oxide (NMC - LiNiMnCoO_2): A balanced combination of energy density, power, and safety. Lithium Cobalt Oxide (LCO - LiCoO_2): High energy capacity with ...

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[Is there a time difference between](#)



[california and colorado?](#)

California has one time zone, pacific time. Canada covers five different time zones including pacific time. So yes or no depending on where in Canada. Daylight savings time also ...

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[Time zone difference from ca and Hawaii?](#)

California is in the Pacific Time Zone (PT). Brownwood, TX is in the Central Time Zone, which is two hours ahead of Los Angeles, CA, in the Pacific Time Zone.

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[21700 Battery Guide: Specs, Capacity, Lifespan & Best Uses](#)

Discover the guide to 21700 battery - specs, capacity, voltage, cycle life, applications, and 21700 vs 18650 comparisons. Ideal for tools, energy storage, and industrial ...

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